

## **DETAILED ACTION**

### ***Allowable Subject Matter***

The following is an examiner's statement of reasons for allowance:

With respect to claim Claims 1, 7, and 16 there is no cited art that discloses a band gap circuit comprising the first through fifth transistors connected with a pull up device to compose a band gap unit, emitter follower and buffer as recited in the above claims. More specifically, no cited art discloses, an emitter follower having a base connected to the emitters of all three transistors of the recited band gap unit and the emitter follower having its emitter coupled to the buffer via the pull up device as recited in claims 1, 7 and 16. For instance, Kadanka et al. (USPN 5,621,308) and Minner et al. (USPN 4,422,033) disclose the bandgap and emitter flower circuits as recited, however both fail to disclose the pull up device and the buffer circuit as recited. Kadanka (USPN 5,920,184) discloses an emitter flower coupled to a buffer, but fails to disclose a bandgap unit as recited in claims 1, 7 and 16.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Thomas J. Hiltunen whose telephone number is (571)272-5525. The examiner can normally be reached on M-F 8:00am - 4:30pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Drew Richards can be reached on (571)272-1736. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

**TH**  
**Saturday, April 05, 2008**

/N. Drew Richards/  
Supervisory Patent Examiner, Art Unit 2816